

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,154,489 B2  
APPLICATION NO. : 10/767733  
DATED : December 26, 2006  
INVENTOR(S) : Naoto Abe et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**ON THE TITLE PAGE:**

At Item (57), Abstract, Line 11, "quality" should read --quality--.

**IN THE DRAWINGS:**

Sheet No. 20, Figure 20, "DRAVE" should read --DRIVE--.

**COLUMN 1:**

Line 64, "other" should read --another--.

Line 66, "other" should read --another--.

**COLUMN 3:**

Line 62, "comprising" should read --comprising:--.

**COLUMN 5:**

Line 54, "based" should read --based on--.

**COLUMN 6:**

Line 12, "FIG. 12a-c" should read --FIGS. 12a-c--.

Line 45, "an" should read --a--.

**COLUMN 7:**

Line 47, "follow." should read --follows--.

Line 67, "55" should read --5--.

**COLUMN 8:**

Line 32, "followed:" should read --follows:--.

**COLUMN 9:**

Line 43, "ration" should read --radiation--.

Line 67, "luminanced at a" should read --luminance data--.

**COLUMN 10:**

Line 17, "maybe" should read --may be--.

**COLUMN 11:**

Line 5, "PCLX" should read --PCLK--.

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COLUMN 12:

Line 12, "(j=±0.01)" should read --(j=±0.01),--.  
Line 21, "on" should read --to--.  
Line 61, "in" should read --in the--.

COLUMN 13:

Line 17, "the-source" should read --the source--.  
Line 50, "(n-1)" should read --(n-1)--.

COLUMN 14:

Line 6, "deterioration" should read --is established, deterioration--.

COLUMN 15:

Line 8, "reduced" should read --reduced--.

COLUMN 16:

Line 17, "66 n" should read --Δn--.  
Line 37, "An" should read --Δn--.  
Line 50, "L(m,N)," should read --L(m,n),--.

COLUMN 17:

Line 16, "(FCLK)" should read --(PCLK)--.  
Line 34, "(25)" should read --(25):--.

COLUMN 18:

Line 1, "first," should read --first and--.  
Line 46, "(S41)" should read --(S41).--.

COLUMN 19:

Line 34, "in" should read --in a--.

COLUMN 20:

Line 14, "To(m, n)" should read --To(m, n)--.  
Line 30, "-third" should read --third--.  
Line 38, "(.PCLK)" should read --(PCLK)--.  
Line 44, "embodiment" should read --embodiments--.  
Line 53, "embodiment" should read --embodiments--.

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**COLUMN 21:**

Line 67, "ration" should read --radiation--.

**COLUMN 22:**

Line 2, "other" should read --another--.

Line 4, "above described" should read --above-described--.

Line 64, "(PCLX)" should read --(PCLK)--.

**COLUMN 24:**

Line 3, "50" should read --so--.

**COLUMN 25:**

Line 38, "An" should read --a--.

**COLUMN 26:**

Line 51, "51" should read --S1--.

Line 52, "PGB" should read --RGB--.

**COLUMN 27:**

Line 56, "wiring" should read --wirings--.

Line 61, "a" should read --an--.

**COLUMN 28:**

Line 43, "(PCLX)" should read --(PCLK)--.

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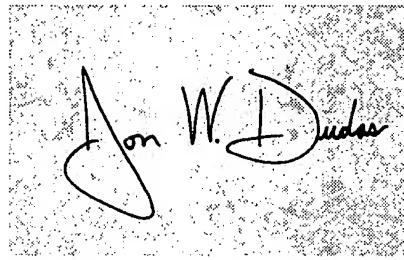
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 29:

Line 6, "ration" should read --radiation--.

Signed and Sealed this

Twentieth Day of November, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*